

IMAGING ELLIPSOMETRY

Abstract of the Invention

5 An ellipsometer apparatus and method for use in providing an image of at
least a portion of a sample includes an objective lens having a focal plane at which a
sample plane of a sample is positioned. Linearly polarized light normal to the
sample plane incident on the objective lens is provided, and the incident linearly
polarized light is focused onto the sample. At least a portion of the focused incident
10 polarized light is reflected by the sample resulting in reflected light. Spatial filtering
is used to modify at least a portion of the incident or the reflected light. An analyzer
portion is operable to generate polarization information based on the reflected light.

15

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